CONFIDENTIAL-NOT FOR PUBLIC RELEASE 02-8906-34-94

HRS	S	·s'²
Groundwater Route Score (Sgw)	51.49	2651,22
Surface Water Route Score (Saw)	11.19	125.22
Air Route Score (Sa)		0
5 _{gw} + 5 _{sw} + 5 _a		2776.44
$\sqrt{s_{gw}^2 + s_{sw}^2 + s_a^2}$		52.69
$\sqrt{s_{gw}^2 + s_{sw}^2 + s_s^2} / 1.73 - s_M -$		30,46

WORKSHEET FOR COMPUTING SM

PRO	Š	s²	
Groundwater Route Score (Sgw)	72.53	5260,60	
Surface Water Route Score (Saw)	14.69	215.80	
Air Route Score (Sa)	50.26	2526.87	
$s_{gw}^2 + s_{sw}^2 + s_{s}^2$		8002.47	
$\sqrt{s_{gw}^2 + s_{sw}^2 + s_a^2}$		89.46	
$\sqrt{s_{gw}^2 + s_{sw}^2 + s_{s}^2} / 1.73 - s_{M} -$		51.71	

DECLASSIFIED

WORKSHEET FOR COMPUTING SM

Date: 9/3/13 16

<u>Yetz Metallurgian!</u>
02-8906-34-74
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Surface Water Route Work Sheet								
	Rating Factor	Assigned Value (Circle One)			HRS	Max. Score	PRO	
1	Observed Release	0	<u>s</u>	1	0	45	45	
	If observed release is give If observed release is give	-		•		٠	i	
2	Route Characteristics Facility Slope and Interv	ening 0 🖸 2	3	1	1	3	1	
	1-yr. 24-hr. Rainfall Distance to Nearest Sur Water Bhysical State		3 (1) (3)	1 2 1	2 3	3 6 3	ر 3	
	Physical State		racteristics Score	•	12	15	12	
3	Containment	0 1 2	D	1	3	3	3	
4	Waste Characteristics Toxicity/Persistence Hazardous Waste Quantity		9 12 15 (A) (3) 4 5 6 7	1 B 1	18	18	18	
		Total Waste Cha	aracteristics Score		20	26	21	
5	Targets Surface Water Use Distance to a Sensitive Environment Population Served/Distato Water Intake Downstream	0 1 0 1 nce)	20 3 20 3 6 8 10 18 20 32 35 40	3 2 1	640	9 6 40	40	
		Total Tar	gets Score		10	55	10	
B	If line 1 is 45, multiply if line 1 is 0, multiply	1 × 4 × 4 2 × 3 × 4			7200	64,350	9450	
7	Divide line 6 by 64,350	and multiply by	100	S _{SW} •	11.19		14.69	

0 = HRS

= PRO

Metz Metallurgical

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	Air Route Work Sheet								
	Rating Factor		Assigned Value (Circle One) Multiplier HRS				Max. Score	PRO	
	Observed Release)	0	15		1		45	45
	Date and Location	" Ausu:	ST 10,1	985					
	Sampling Protocol	OBJER	VATION	OF FUHIL	UG A	C / D 7	MUK		
	IT line [1] is 0, ti	he S _a = 0. E then procee	Enter on line	5					,
2	Waste Characteris Reactivity and Incompatibility Toxicity	tics	0 1 2			1		3	Z
	Hazardous Waste Quantity	ı	0 1 2	到 456	7 8	3 1		9 8	9 3
									·
		Tot	tal Waste Ch	aracteristics §	Score			20	14
3	Targets Population Within 4-Mile Radius Distance to Sensi Environment		0 9 12 21 24 27 0 1 2			1 2		30 6	21
	Land Use		0 1 2	3		1		3	3
	·								
			Total Tar	gets Score				39	28
	Multiply 1 x 2	x 3	· · · · · · · · · · · · · · · · · · ·					35,100	17640
5	Divide line 4 by	35,100 and	multiply by	100	· ·	Sa =			50,26

O=HRS

= PRO

Metz Metallingical
02-8906-34-PA

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Ground Water Route Work Sheet								
1	Rating Factor		Assigned Value (Circle One)			HRS	Max. Score	PRO
	Observed Release	· · · · · · · · · · · · · · · · · · ·	0	45	1	0	45	45
	if observed releas			•	_			
2	Route Characteris Depth to Aquifer		0 1 2		2	6	6	6.
	Concern Net Precipitation Permeability of t	he `	0 1 2 0 1 2	<u> </u>	1 < 1 :	2	3	2
	Unsaturated Zo Physical State	ne 	0 1 2	<u></u>	1	3	3:	3
		. 1	otal Route Ch	aracteristics Scor	' 6	12	15	12
3	Containment		0 1 2		1 -	3	3	3
4	Waste Characteris Toxicity/Persiste Hazardous Wast Quantity	ence	0 3 6 0 1 <i>Q</i>	9 12 15 E) 3 4 5 6 7	1 8 1	182	18 8	18
		Т	otal Waste Ch	aracteristics Scor	······································	20	26	21
5	Targets				- ., ; ===			
444	Ground Water U. Distance to Neal Well/Population Served	rest	12 16	② ③ 6 8 10 18 20 32 ⑤ 40	3 1	6: 35	9 40	9 35
ł .							•	
!		•	Total Tai	rgets Score		41	49	44
<u></u>		multiply [1 nultiply [2]	x 4 x (x 3 x 4	T -		29520	57.330	41580
7	Divide line 6 b	y 57,330 an	d multiply by	100	Sgw -	51.49	7	72.53

O=HRS

□= PRO